Form PTO-1449 U.S. Departmen Patent and Tra										Atty. Docke 51917-CA-PC JPW/GJG/DJ	Serial N Not Yet		
	I	NFC						LOSURE CI	•	Applicants:	David J. Pinsky	et al.	
				(Use	sev	eral	l she	eets if necessa	ary) 	Filing Date Herewith		Group /6	16
								U.S. PAT	TENT DOCUMENTS				
Examiner Initial	Do	cume	ent N	umb	er			Date	Name	Class	Subclass	Filing Da	
JP	4	8	8	5_	2	7	7	12/5/1989	Nawroth	514	15	<b>↓</b>	
	5	3	7	8	4	6	4	1/3/1995	McEver	424	143.1		
	5	8	3	9	4	4	3	11/24/1998		128	898		
	5	8	8	2	6	7	4	3/6/1999	Hermann (Exhibit 1)	424			
	6	- 3	1	5	9	9	5	11/13/2001	Pinsky et al.	424	94.63		
V	. 6	3	1	6	4	0	3	11/13/2001	Pinsky et al.	514	2		
,TD	6	3	9	1	3	0	0	5/21/2002	Rose et al.	424	145.1		
UE1								FOREIGN I	PATENT DOCUMEN	TS			
T	De	cun	nent	t Nu	mhe	r		Date	Country	Class	Subclass	Translation	
.	٦,	,				•		24.0				Yes	No
	. 9.	17	4	12	9	Ю	О	11/20/1997	wo	<del>                                     </del>		1 65	140
JP	9	8	1	3	1	5	8	4/2/1998	wo	<del> </del>			
	9.	9	4			0	3	10/7/1999	wo				
- V	9	9	4	9	8	8	0	10/7/1999	WO.				
JР		7_	3	5	2	5	8	11/20/1997	AU	<u> </u>			<u> </u>
•		0	TH	ER !	DO	CUI	ME	NTS (Includi	ng Author, Title, Date	, Pertinent	Pages, Etc.)		
JP	Tr f: Be	ile ene	ti d di	ng Ser ct gu	ar ote	n ] emb C.	er R.	chemic D 27, 20 , et ad Antic	71,100, Pinslisorder and I 00 (Exhibit 2 al. (1994) coagulant Mecl s Heart Insti	mprovir ). Endo	othelial-I	Outco Depend Advan	ent ces
									Primary preve 92-1400.	ntion o	*	The	New
$\bigvee$	ir	ı l	Rat		Af	te			(1992) Recove Monoxide Hyp	ry of	Energy Me		
JP		rl ole			nd				994) Leukocy 068-2102	te-End	othelial	Adhes	ion

Applicants: David J. Pinsky et al. Serial No.: Not Yet Known Filed: October 3, 2003

Exhibit A

Form PT(	O-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 51917-CA-PCT-US/ JPW/GJG/DJK	Serial No. Not Yet Known
	INFORMATION DISCLOSURE CITATION	Applicants: David J. Pin	sky et al.
	(Use several sheets if necessary)	Filing Date Herewith	Group
	OTHER DOCUMENTS (Including Author, Title, I	Date, Pertinent Pages, Etc.)	
JP	Connolly et al. (1996) Cerebral Null ICAM-1 Mice After Middle Cer Clin. Invest. 97:209-216.		
	Connolly et al. (1996) Proced Variables Significantly Affect Ou Focal Cerebral Ischemia. Neurosur	tcome in a Murin	
	Dawson and Snyder (1994) Gases nitric oxide and carbon mono Neuroscience 5147-5159.		
·	Dietrich et al. (1995) Influence Anticoagulation, Heparin Requirements Tie Raolin-Activated Clotting Tie Patients Undergoing Open-Heart 83(4)679-689.	irement, and e in Heparin-	Celite-and pretreated
	Fassbender et al. (1995) Immunoglobin-Type Adhesion Mole Stroke. Stroke. 26:1361-1364.		lectin-and Ischemic
	Fujita, T. et al., (2001) Parado lung injury by inhaled carl derepression of fibrinolysis. Nat (Exhibit 3).	oon monoxide o	driven by
	Holdright, D., et al. (1994) Co Heparin and Aspirin Versus Asp Myocardial Ischemia and In-hospi With Unstable Angina. J. Am. Coll	pirin Alone on tal Prognosis i	Transient n Patients
	Iberti, T.J. et al., (1994) Abnor Brain Tumor Patients During Surge		
	Ishimaru et al. (1991) Effec monoxide exposures on delayed net the maintenance of normal bo Biophys. Res. Comm. 179:836-840.		mice under
. JP	Jerome et al. (1994) P-selec Adherence Reactions: Role in th No-Reflow. Am. J. Physiol. 226:H1	e Genesis of Po	-Dependent ostischemic
EXAMINER	/John Pak/ DATE CONSIDERED	06/21/2006	
EXAMINI	ER: Initial if citation considered, whether or not citation is in conformance we and not considered. Include copy of this form with next communication to a	ith MPEP 609: Draw line through	citation if not in

128:45-50.	Form PTO-14	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 51917-CA-PCT-US/ JPW/GJG/DJK	Serial No. Not Yet Known
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Kim et al. (1995) Adhesive Glycoproteins CD11a and Cd18 arr Upregulated in the Leukocytes from Patients with Ischemi Stroke and Transient Ischemic Attacks. J. Neurol. Sci 128:45-50.  Kochaneck and Hallenbeck (1992) Polymorphonuclea Leukocytes and Monocytes/Macrophages in the Pathogenesis o Cerebral Ischemia and Stroke. Stroke. 23:1367-1379.  Kuwabara, K. et al., (1995) Calreticulin, an Antithromboti Agent which Binds to Vitamin K-Dependent Coagulatio Factors, Stimulates Endothelial Nitric Oxide Production and Limits Thrombosis in Canine Coronary Arteries. J. Biol Chem. 270:8179-8187.  Mayevsky et al. (1995) Multiparametic monitoring of th awake brain exposed to carbon monoxide. J. Appl. Physiol 78:1188-1196.  Okada et al. (1994) P-selectin and Intercellular Adhesio Molecule-1 Expression After Focal Brain Ischemia an Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis o Endothelial Cell Weibel-Palade Bodies, a Mechanism fo Rapid Neutrophil Recruitment After Cardiac Preservation. J Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Ra Cerebral Cortex After Middle Cerebral Artery Occlusion. J Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remot Tissue Injury Following Ischemia and Reperfusion. Am. J Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulatio mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Bjol. Chem. 266:12067-12074.			Applicants: David J. Pi	nsky et al.
Kim et al. (1995) Adhesive Glycoproteins CD11a and Cd18 ar Upregulated in the Leukocytes from Patients with Ischemi-Stroke and Transient Ischemic Attacks. J. Neurol. Sci 128:45-50.  Kochaneck and Hallenbeck (1992) Polymorphonuclea Leukocytes and Monocytes/Macrophages in the Pathogenesis o Cerebral Ischemia and Stroke. Stroke. 23:1367-1379.  Kuwabara, K. et al., (1995) Calreticulin, an Antithromboti Agent which Binds to Vitamin K-Dependent Coagulatio Factors, Stimulates Endothelial Nitric Oxide Production and Limits Thrombosis in Canine Coronary Arteries. J. Biol Chem. 270:8179-8187.  Mayevsky et al. (1995) Multiparametic monitoring of th awake brain exposed to carbon monoxide. J. Appl. Physiol 78:1188-1196.  Okada et al. (1994) P-selectin and Intercellular Adhesic Molecule-1 Expression After Focal Brain Ischemia an Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis of Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J. Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Ra Cerebral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remot Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulatic mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.		(Use several sheets if necessary)	Filing Date Herewith	Group
Upregulated in the Leukocytes from Patients with Ischemi Stroke and Transient Ischemic Attacks. J. Neurol. Sci 128:45-50.  Kochaneck and Hallenbeck (1992) Polymorphonuclea Leukocytes and Monocytes/Macrophages in the Pathogenesis of Cerebral Ischemia and Stroke. Stroke. 23:1367-1379.  Kuwabara, K. et al., (1995) Calreticulin, an Antithromboti Agent which Binds to Vitamin K-Dependent Coagulation Factors, Stimulates Endothelial Nitric Oxide Production and Limits Thrombosis in Canine Coronary Arteries. J. Biol Chem. 270:8179-8187.  Mayevsky et al. (1995) Multiparametic monitoring of the awake brain exposed to carbon monoxide. J. Appl. Physiol 78:1188-1196.  Okada et al. (1994) P-selectin and Intercellular Adhesion Molecule-1 Expression After Focal Brain Ischemia and Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis of Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J. Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Racerebral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remot Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.		OTHER DOCUMENTS (Including Author, Title, Da	te, Pertinent Pages, Etc.)	l
Leukocytes and Monocytes/Macrophages in the Pathogenesis of Cerebral Ischemia and Stroke. Stroke. 23:1367-1379.  Kuwabara, K. et al., (1995) Calreticulin, an Antithrombotic Agent which Binds to Vitamin K-Dependent Coagulation Factors, Stimulates Endothelial Nitric Oxide Production and Limits Thrombosis in Canine Coronary Arteries. J. Biol Chem. 270:8179-8187.  Mayevsky et al. (1995) Multiparametic monitoring of the awake brain exposed to carbon monoxide. J. Appl. Physiol 78:1188-1196.  Okada et al. (1994) P-selectin and Intercellular Adhesical Molecule-1 Expression After Focal Brain Ischemia and Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis of Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J. Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Racerebral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remot Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulatic mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.	JP	Upregulated in the Leukocytes from Stroke and Transient Ischemic At	m Patients wit	h Ischemic
Agent which Binds to Vitamin K-Dependent Coagulation Factors, Stimulates Endothelial Nitric Oxide Production and Limits Thrombosis in Canine Coronary Arteries. J. Biol Chem. 270:8179-8187.  Mayevsky et al. (1995) Multiparametic monitoring of the awake brain exposed to carbon monoxide. J. Appl. Physiol 78:1188-1196.  Okada et al. (1994) P-selectin and Intercellular Adhesion Molecule-1 Expression After Focal Brain Ischemia and Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis of Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J. Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Racerbral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remother Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.		Leukocytes and Monocytes/Macrophage	es in the Patho	ogenesis of
awake brain exposed to carbon monoxide. J. Appl. Physiol 78:1188-1196.  Okada et al. (1994) P-selectin and Intercellular Adhesion Molecule-1 Expression After Focal Brain Ischemia and Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis of Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J. Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Racerebral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remot Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.		Agent which Binds to Vitamin Factors, Stimulates Endothelial I and Limits Thrombosis in Canine Co	K-Dependent ( Nitric Oxide	Coagulation Production,
Molecule-1 Expression After Focal Brain Ischemia an Reperfusion. Stroke. 25:202-211.  Pinsky et al. (1996) Hypoxia-Induced Exocytosis of Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Racerebral Cortex After Middle Cerebral Artery Occlusion. J Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remot Tissue Injury Following Ischemia and Reperfusion. Am. J Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.		awake brain exposed to carbon mon	metic monitor: loxide. J. Appl	ing of the L. Physiol.
Endothelial Cell Weibel-Palade Bodies, a Mechanism for Rapid Neutrophil Recruitment After Cardiac Preservation. J. Clin. Invest. 97:493-500.  Schroeter et al. (1994) Local Immune Response in the Racerebral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remother Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.  Verma et al. (1993) Carbon monoxide: a putative neuron.		Molecule-1 Expression After Foo		ar Adhesion chemia and
Cerebral Cortex After Middle Cerebral Artery Occlusion. J. Neuroimmunol. 55:195-203.  Seekamp et al. (1994) Role of Selectins in Local and Remote Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The role of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.  Verma et al. (1993) Carbon monoxide: a putative neuron.		Endothelial Cell Weibel-Palade Rapid Neutrophil Recruitment After	Bodies, a Mec	hanism for
Tissue Injury Following Ischemia and Reperfusion. Am. J. Pathol. 44:592-598.  Tijburg et al., (1991) Activation of the coagulation mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.  Verma et al. (1993) Carbon monoxide: a putative neural		Cerebral Cortex After Middle Cerel	mune Response bral Artery Oc	in the Rat
mechanism on tumor necrosis factor-stimulated culture endothelial cells and their extracellular matrix. The rol of flow and Factor IX/IXa. J. Biol. Chem. 266:12067-12074.  Verma et al. (1993) Carbon monoxide: a putative neural		Tissue Injury Following Ischemia	ctins in Local and Reperfusi	and Remote on. Am. J.
		mechanism on tumor necrosis fa	ctor-stimulate cellular matri:	x. The role
	JP		oxide: a putat	cive neural
EXAMINER /John Pak/ DATE CONSIDERED 06/21/2006	EXAMINER	/John Pak/ DATE CONSIDERED 06/2	21/2006	

Form 1	PTO	-144	9 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 51917-CA-PCT-US/ JPW/GJG/DJK	Serial No. Not Yet Known
			INFORMATION DISCLOSURE CITATION	Applicants: David J. Pin	sky et al.
			(Use several sheets if necessary)	Filing Date Herewith	Group
			OTHER DOCUMENTS (Including Author, Title,	Date, Pertinent Pages, Etc.)	
JP	٠.		Weyrich et al. (1993) In Vivo Ne Protects Feline Heart Endotheliv and Reperfusion Injury. J. Clin	ım in Myocardial	Ishchemia
	1	-	BBC News report, Health segment, 'could save lives' (Exhibit 4).	April 30, 2001,	Deadly gas
	/		International "Search Report, PCT/US97/08282 (Exhibit 5)	August 29,	1997 for
	/	<i>y.</i> .	International Preliminary Examin PCT/US97/08282 (Exhibit 6)	ation, April 20,	1998 for
	1	6	Search Report October 27, 2000 for European Patent Application No. 9		
			International Search Report, PCT/US99/07173 (Exhibit 8).	June 18,	1999 for
-	. ×		International Preliminary Examin PCT/US99/07173 (Exhibit 9).	ation, January 7	, 2000 for
	, ,		Search Report, May 28, 2002 fro European Patent Application No. 9		
			International Search Report, PCT/US97/17229 (Exhibit 11).	February 5,	1998 for
	. /		Written Opinion September 14, (Exhibit 12).	•	US97/17229
			International Preliminary Examin PCT/US97/17229 (Exhibit 13)	ation, January 8	, 1999 for
	7		International Search Report, PCT/US99/07175 (Exhibit 14).	August 4,	1999 for
X			Written Opinion February 3, (Exhibit 15)	2000 for PCT/	us99/07175
JP.	<i>y</i>		International Preliminary Examin PCT/US99/07175 (Exhibit 16).	nation, July 11,	2000 for
EXAMI	NER		/John Pak/ DATE CONSIDERED	06/21/2006	•

JUN 1 8 ZOOM TO

Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office Atty. Docket No. 51917-CA-PCT-US/ JPW/AJM/AAB

Applicants: David J. Pinsky et al.

Serial No. 10/679,135

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Filing Date

Group 16 16

		_							October 3		16	16
							U.S. PA	TENT DOCUMENTS				
xaminer nitial	Doc	ument	Numi	ber			Date	Name	Class	Subclass	Filing Date if Appropriate	
						L				<u> </u>		
											<u> </u>	
											<u> </u>	
					Ι						<u> </u>	
			Т	$\Box$	Π							
								· · · · · · · · · · · · · · · · · · ·				
						1						
				$\top$	T			•				
				$\top$	ļ —							
			_		$\vdash$			† <b>* * * * * * * * * * * * * * * * * * *</b>		1		
			+	1	$t^-$	T		<del>                                     </del>		1	1	
	_	-	+	+-	Т	†	<b>†</b>					
<del></del>	_	$\neg +$	+	+-	t	T				<del> </del>	1	
	+	$\dashv$	+	+						-	1	
	-		+	+	+-	<del>                                     </del>					1.	
				ш	<u> </u>		FOREIGN	PATENT DOCUMEN	TS	<u> </u>		
	Document Number						Date	Country	Class	Subclass	Translation	
		4 10	ŢĒ.	15	т.	Ta a	2/12/1904	WO (F. 11) is 1)	<u> </u>		Yes	N
JP	9	4 0	15	3	ļ!	4A	3/17/1994	WO (Exhibit 1)				
		$\perp$	_		-	┞		ļ		ļ		
				+	┼─	├		<del> </del>		<del> </del>	<del> </del>	
<del></del>	+		$\dashv$	+-	_	$\vdash$		1.		†		
	$\dashv$	$\dashv$	$\top$	1						<del></del>	1	
		$\neg$	_									
	$\Box$		_	4	<u> </u>			ļ		<del> </del>		
			-		-	<u> </u>				-	-	<u> </u>
	لـــلـــ		_i_		ــــــ	I	<u> </u>	<u> </u>				Щ
<del></del>	1.2	OT					NTS (Includ	ing Author, Title, Dat	e, Pertinent	Pages, Etc.)	, ,	_
JP	U.			ria				92,439, Pins				for
٠. ا								order.Improvi	ng Stro	ke Outcom	e, I1.	тес
								bit 2).		· · · · · · · · · · · · · · · · · · ·		
75								h Report, Mai				ear
JP		ten		Of				uropean Pate	nt App.	lication	No.	EF
	97	944	453	. 6	(E	хh	ibit 3)	•				
XAMINER	•	/:	ohn	Pak	/	-	DATE CONS	IDERED 0	6/21/2006			
EXAMINER:		citatio	on cor	nsider	ed. w		er or not citati	on is in conformance with I		v line through citat	ion if not in	

orm PTO-1449	U.S. Department of Commerce
	INFORMATION DISCLOSURE CIT

Atty. Docket No. Serial No. S1917-CA-PCT-US/ 10/679,135 JPW/AJM/AAB

TOTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up-Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).												Pt 11/7 U1107	<u> </u>	_1				
(Use several sheets if necessary)  Filing Date October 3, 2003  U.S. PATENT DOCUMENTS  Liminer Name Class Subclass Filing Date (Appropriate Milis)  FOREIGN PATENT DOCUMENTS  Document Number Date Country Class Subclass Translation  Yes N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  PRaju, V. S. et al. (1996) Renal Ischemia (Reperfusion Upgenglase)  Regulates Heme Oxygenase-1 (HSF32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyesen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Interest MANINER (Including Date Considered)  DATE CONSIDERED (Including Author, Title, Date (Including Author,													Applicants: David J. Pinsky et al.					
U.S. PATENT DOCUMENTS  Date  Name  Class Subclass Filing Date If Appropriate  FOREIGN PATENT DOCUMENTS  Document Number  Date  Country  Class Subclass Translation Yes N  Yes N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  PRegulates Heme Oxygenase-1 (HSF32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic JP Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).																		
U.S. PATENT DOCUMENTS    Document Number   Date   Name   Class   Subclass   Filing Date   If Appropriate												-		12 1.0				
Translation  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  Document Number  Date  Country  Class  Subclass  Translation Yes N  Translation Yes N  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Ung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).									•				, 2003		0 / 1			
FOREIGN PATENT DOCUMENTS    Document Number   Date   Country   Class   Subclass   Translation   Yes   N	<del></del>								U.S. PA	FENT DOCU	MENTS	<u> </u>	<del>,</del>					
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	Examiner nitial	Doc	ume	nt N	umb	er			Date	Ni	me	Class	Subclass					
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	_				1													
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	Ī				1													
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).																		
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).		_		t –	<del> </del>	1	$\vdash$	1		1		<del>-</del>		<del>                                     </del>				
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	·		-	-	⊢	-		$\vdash$	-	<del> </del>			<del> </del>	+				
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			-	┢	╀	<del> </del> —	$\vdash$	-	<del> </del>	<del> </del>			<del> </del>	<del></del>				
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			<u> </u>	<u> </u>	ļ	ļ	ــ	<u> </u>	ļ	<b>_</b>	_		ļ					
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			<u> </u>	_	_		ļ	_										
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			L.	<u> </u>	<u> </u>		<u></u>	_	ļ		<u>.</u>		<u> </u>					
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			L				<u></u>											
Document Number  Date  Country  Class  Subclass  Translation  Yes  N  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).								l										
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSF32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).									FOREIGN	PATENT DO	CUMEN	₹TS	<b>_</b>	· · · · · · · · · · · · · · · · · · ·				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic JP Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).		Do	cu m	ent	Nu	mbe	r		Date	Date Country			Subclass	Translation				
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).														Yes	N			
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			L		L	╙	<u> </u>											
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).							<u> </u>											
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).					<u> </u>	_	<u> </u>	_		ļ								
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).				_	ļ	<u> </u>	<u> </u>	_		ļ			ļ	1				
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			<u> </u>	_	<u> </u>	-	<u> </u>	_										
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			_	$\vdash$	<del> </del>	-	├	-		ļ			<del> </del>					
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).			<del> </del>	<del> </del>	⊢		├	$\vdash$		-		<u> </u>		╅───				
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	<del></del>		_	-	$\vdash$	-		-		<del> </del>			<del> </del>	+				
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).		_	<del> </del>	_		$\vdash$	<del>                                     </del>	-					<u> </u>	<del>                                     </del>				
Raju, V. S. et al. (1996) Renal Ischemia/Reperfusion Up- Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	·····	1	O'	L The	ER I	DO	CUN	4EN	TS (Includi	ing Author, 7	itle. Dat	e. Pertinent P	ages, Etc.)					
Regulates Heme Oxygenase-1 (HSP32) Expression and Increases CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).		Ra												sion (	Jp-			
CGMP in Rat Heart. JPET 277:1814-1822 (Exhibit 1).  Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	JP																	
Eyssen-Hernandez, R. et al. (1996) Differential Regulation of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	1																	
of Cardiac Heme Oxygenase-1 and Vascular Endothelial Growth Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).														gulat	ion			
Factor mRNA Expressions by Hemin, Heavy Metals, Heat Shock and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	ль													_				
and Anoxia. FEBS Letters 382:229-233 (Exhibit 2).  Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).																		
Paschen, W. et al. (1994) Hemeoxygenase Expression after Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).																		
Reversible Ischemia of Rat Brain. Neuroscience Letters 180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).						_								on aft	PP			
180:5-8 (Exhibit 3).  Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	JP																	
Fujita, T. et al. (2001) Paradoxical Rescue from Ischemic Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).	1									or nac	DIGI	ir. wear	Jocience	DC C C				
Lung Injury by Inhaled Carbon Monoxide Driven by Depression of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).  MAMINER DATE CONSIDERED 05:01:0005										^4\ -								
of Fibrinolysis. Nature Medicine 7:5 (Exhibit 4).																		
XAMINER DATE CONSIDERED 05 (01 /0005	JP													press	ron			
KAMINER DATE CONSIDERED 06/21/2006		of	F'.	ומנ	rir	101	.ys	1 S	. Natur	e Medici	ne /:	5 (Exhib	1t 4).					
	XAMINER		,-			. 1- /			DATE CONSI	DERED	06	5/21/2006						

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/John Pak/

4

\*\*\*

4,

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-	1449					ent of Comr rademark O		51917-CA	Atty. Docket No. 51917-CA-PCT-US/ JPW/AJM/AAB				
	18	FOI	RMA	TIO	d Dis	SCLOSURE	CITATION	Applican	ts: David J. Pins	ky et al.			
			(Us	e sev	eral:	sheets if nec	essary)	Filing Da		Group			
								1 ~		10.000	616		
								October 2	3, 2003	1 / 6			
						U.S. P	ATENT DOCUMENT	ГS					
Examiner Initial	Doc	umen	t Num	ber	**	Date .	Name .	Class	Subclass	Filing Da			
				$\top$			•						
			$\neg \vdash$	+	$\Box$					<del>                                     </del>			
				<del></del>	+				+		<del></del>		
		$\sqcup$			$\sqcup$					_			
			l_										
	Ĭ				ПТ								
	·				† †								
<del>  </del> -	<del></del>	$\vdash \vdash \vdash$	-+-	+	╁		<del> </del>		+	+			
		$\sqcup$			$\sqcup$				ļ				
		$\Box$	L										
T													
		$\Box$				1							
·			<u></u> Ļ_										
						FOREIG	N PATENT DOCUMI	ENTS					
	Dog	ume	ent N	umbe	r	Date	Country	Class	Class Subclass				
							. *			Van	T No		
									<u> </u>	Yes	No		
											ļ		
		ĺ			1 1	i	1	1					
				$\top$							1		
				1						· ·	1		
					$\Box$						†		
						<del></del>					1		
				+					-	+	1		
			_	_	$\vdash$		· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>		<del>                                     </del>		
				+					+	+	+		
						1		<u> </u>		<del></del>	ــــــــــــــــــــــــــــــــــــــ		
<u> </u>							iding Author, Title, D						
	Be	nec	dict	: C.	R	., et al	(1993) Act:	ive Site-	Blocked F	actor	Xa		
JР	Pr	eve	ents	T	roi	mbus Fo	rmation in th	e Corona:	ry Vascul	ature	in		
							cion of Extra						
							lel. Blood 81						
										204 6			
	Partial European Search Report, September 30, 2004 from												
JP	European Patent Office on European Patent Application No												
	ΕP	99	916	266	5.2-	-2107							
	/							·					
								•	<del></del>		<u> </u>		
		_											
EXAMINER		/:	John	Pak	,	DATE CO	SIDERED	/21/2006					

Applicants: David J. Pinsky et al. Serial No.: 10/679,135
Filed: October 3, 2003

Exhibit A

IDS 104/13/2006 Form PTO-1449 U.S. Department of Commerce Application Number 10/679,135 Patent and Trademark Office Filing Date October 3, 2003 First Named Inventor David J. Pinsky, et al. Art Unit INFORMATION DISCLOSURE STATEMENT 1616 Examiner Name John Pak (Use several sheets if necessary) Attorney Docket No. 51917-CA-PCT-US/JPW/JCS **U.S. PATENT DOCUMENTS** Document Number Number-Kind Code<sup>2 (if known)</sup> Cite Examiner **Publication Date** Name of Patentee or Applicant of Cited Document Initials\* MM-DD-YYYY US 2003/0039638 A1 February Bach, et al. JP 27<u>,</u> 2003 FOREIGN PATENT DOCUMENTS Name of Patentee or Applicant of Cited **T**<sup>6</sup> Cite Foreign Patent Document **Publication Date** Examiner **Document** Country Code Number Kind Code (if known) No.1 MM-DD-YYYY Initials\* October 13, DiSorbo, et al. WO 94/22482 JP 1994 Herrmann, et al. December WO 95/35105 JP 28, 1995 EXAMINER DATE CONSIDERED ' 06/21/2006

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

Applicants: David J. Pinsky, et al.

Serial No.: 10/679,135 Filed: October 3, 2003